

Patent Abstracts of Japan

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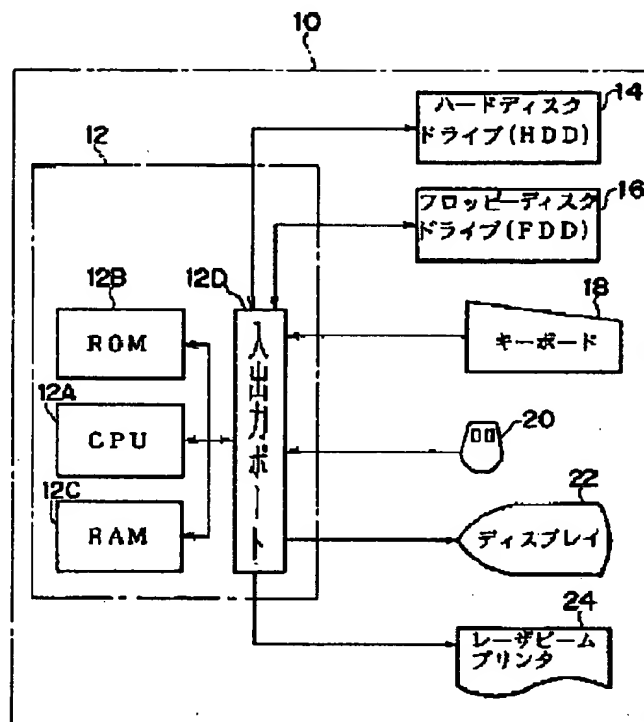
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TITLE : BUILDING EQUIPMENT DRAWING
GENERATING DEVICE



ABSTRACT : PURPOSE: To facilitate the manufacture of a beam member by outputting beam data after adding data to show the calculated position and size of a sleeve to the beam data.

CONSTITUTION: This building equipment drawing generating device 10 is constituted of a computer (personal computer or engineering work station, etc.) 12 and a various kinds of input/output devices connected to the input/output port 12D of the computer 12. Then, a judging means judges the presence of interference between the beam member and utilities piping on the basis of the beam data and equipment data to show the layout of the equipment piping to be provided in a building. Further, in the case that the beam member and the equipment piping are judged to interfere with each other by the judging means, an arithmetic means calculates the position and size of the sleeve to be bored and arranged on the beam member in order to hold the equipment piping judged to interfere by using the inputted beam data. Then, an output means outputs the inputted beam data after adding the data to show the calculated position and size of the sleeve to it.

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